MPA-201



WARNING:
Improper installation could result in damage to the amplifier and/or speakers.
Read all instructions before installation.

Jamo

IMPORTANT SAFETY INSTRUCTIONS



The lightning flash with arrowhead symbol within an equilateral triangle, is intended to alert the user to the presence of uninsulated dangerous voltage within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

CAUTION

RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature ac-companying the product.

IMPORTANT SAFETY INSTRUCTIONS

Read these operating instructions carefully before using the unit. Follow the safety instructions on the unit and the safety precautions listed below. Keep these operating instructions handy for future reference

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings.Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong is provided for your safety. If the provided plug does not into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments / accessories specified by the manufacturer.
12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used use caution when moving the cart / apparatus combination to avoid injury from tip-over.



13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualitied service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. WARNING: To reduce the risk of electric shock, this apparatus should not be exposed to rain or moisture and objects “ lled with iquids, such as vases, should not be placed on this apparatus.
16. To completely disconnect this equipment from the mains, disconnect the power supply cord plug from the receptacle.
17. The mains plug of the power supply cord shall remain readily operable.

Contents:

Introduction

Congratulations on your purchase of your new Jamo Multi-Purpose Amplifier (MPA-201). It is backed by state-of-the-art engineering and manufacturing techniques to bring you the best quality craftsmanship and reliable performance.

The MPA-201 is specifically designed for home theatre applications. Because of its ample power and two-channel capacity (stereo), it can fit into virtually any surround application. Narrow width chassis is designed for convenient shelf or system rack mounting in the space of the one stereo component.

It allows you to use one amplifier as left and right stereo front speakers, second amplifier use as left and right rear (surround) speakers and third amplifier use for centre channel.

Bridge mode capability allows the use of the two channels connected together to form one high power amplifier channel, providing 200 watts into 8 Ohm.

The MPA-201 is also a subwoofer amplifier with adjustable electronic crossover. With switch in OFF position it becomes full range amplifier.

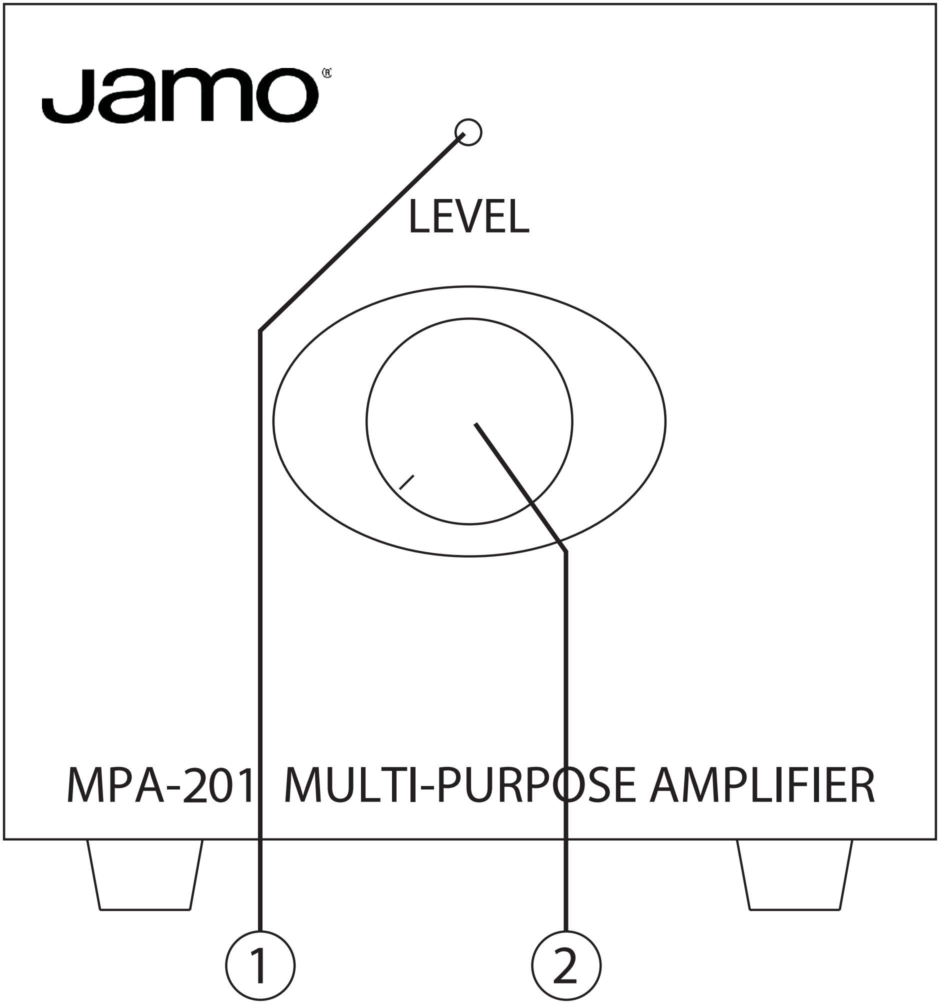
The power rating for the Jamo MPA-201 power amplifier are obtained using fixed value test load impedances and high intensity sine wave test tones. However, the actual impedance of the loudspeaker will vary with frequency, deviating somewhat from the loudspeaker manufacturer's nominal impedance rating.

This Jamo amplifier has been specially designed to drive any modern loudspeaker system with a rated impedance of 4 Ohms or higher.

Features

1. Power output, rated at 2x100Watts (stereo) into 4 Ohm
2. High power output (bridged mode), rated at 200 Watts into 8 Ohm
3. Subwoofer amplifier, adjustable crossover frequency 50 Hz --150 Hz
4. Full range amplifier
5. Extensive heat sinks for reliable operation and long life of the amplifier
6. High current discrete power transistors in the output stage for the best possible performance
7. Automatic power turn "ON"
8. Level control
9. Gold plated RCA input and output jacks
10. Heavy duty push button binding posts
11. Overload protection

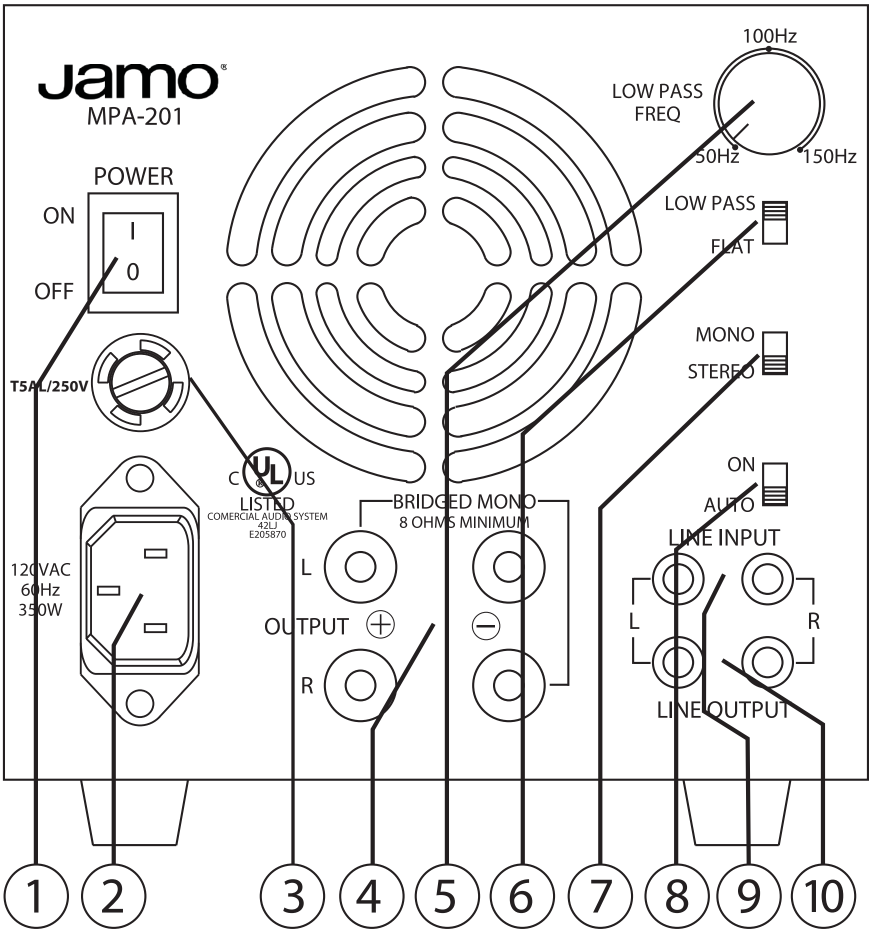
Jamo MPA-201 front panel



① **Power LED**
Flashing blue - Standby mode
Blue - Amplifier On
Flashing red - Thermal protection
Red - Overload protection
② **Level adjustment**

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LISTED
COMERCIAL AUDIO SYSTEM
42LJ
E205870

Jamo MPA-201 rear panel
120 volt version

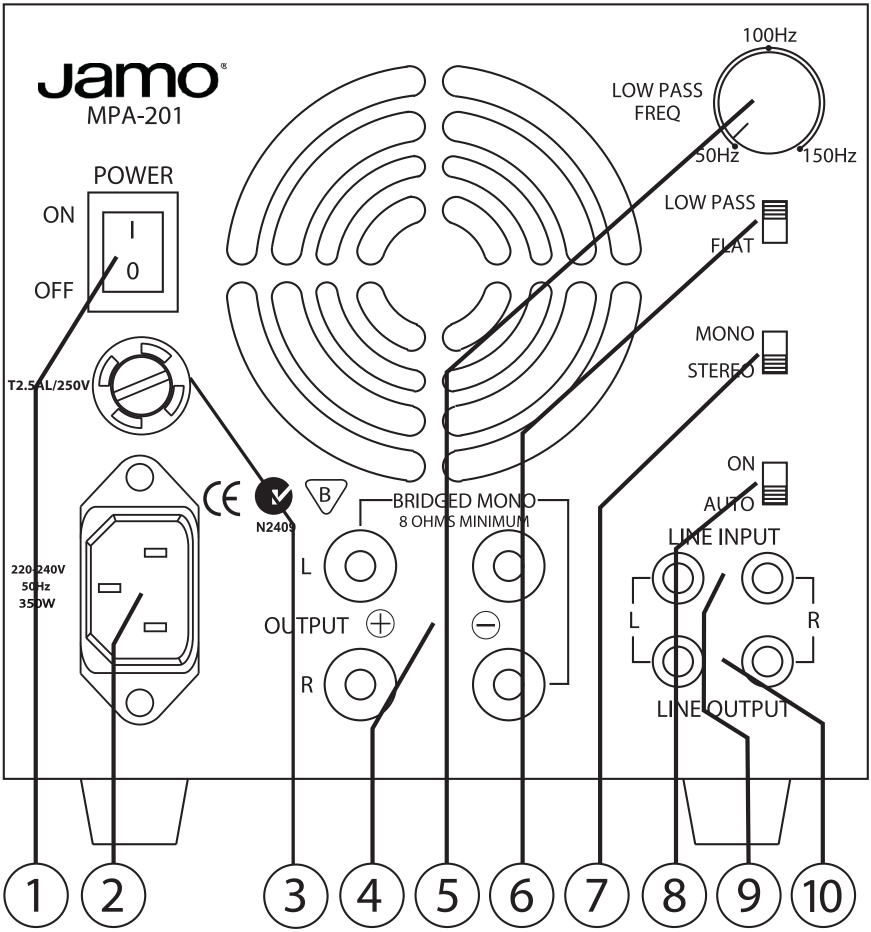


① **Power switch**
② **Socket for mains cable**
③ **Fuse/Fuse Jack**
④ **Speaker output:** Speakers terminals
⑤ **Low pass adjustment**:
Output frequenc y is adjustable between 50 - 150 Hz. Only adjustable when„low pass"is selec ted⑤
⑥ **Low pass:**④
Flat: Fullrange

⑦ **Stereo/mono:** Stereo mode - 2 x 100 watt stereo output (4Ω)
Mono mode - 200 watt mono output (8Ω)
⑧ **On** - Ampliþer ON
AUTO - auto turn on mode
⑨ **Line in**: Line level input from source
⑩ **Line out**: Line level output

Jamo MPA-201 rear panel
220-240 volt version

N2409



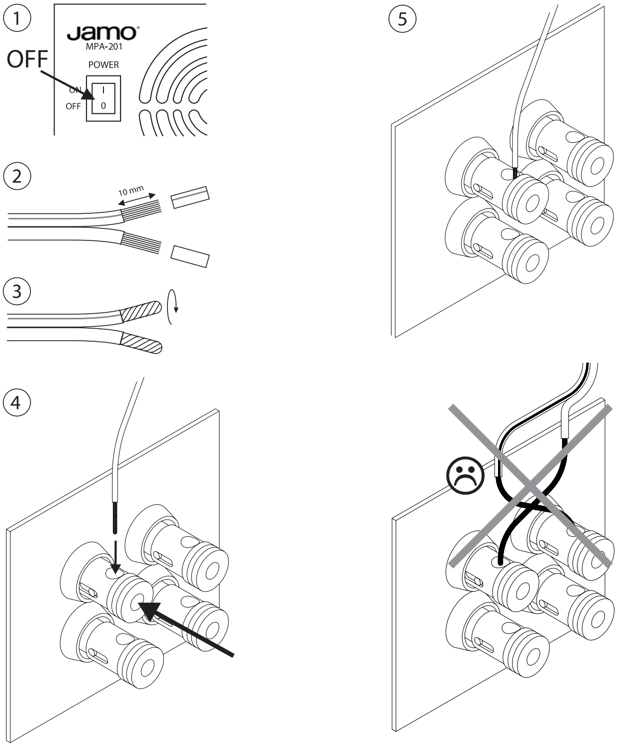
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Connection

The Jamo MPA-201 is equipped with gold-plated push button binding posts which will accept very heavy stripped wire. Ask your local Jamo dealer for advice on the choice of cable.

Connect the loudspeakers to your Jamo MPA-201 as follows:
1. Turn of the MPA-201
2. Carefully remove approx. 3/8" /10 mm of the insulating material
- beware not to damage the conductors!
3. Twist the conductor ends
4. Push the binding posts so the conductors can easily fit into the holes

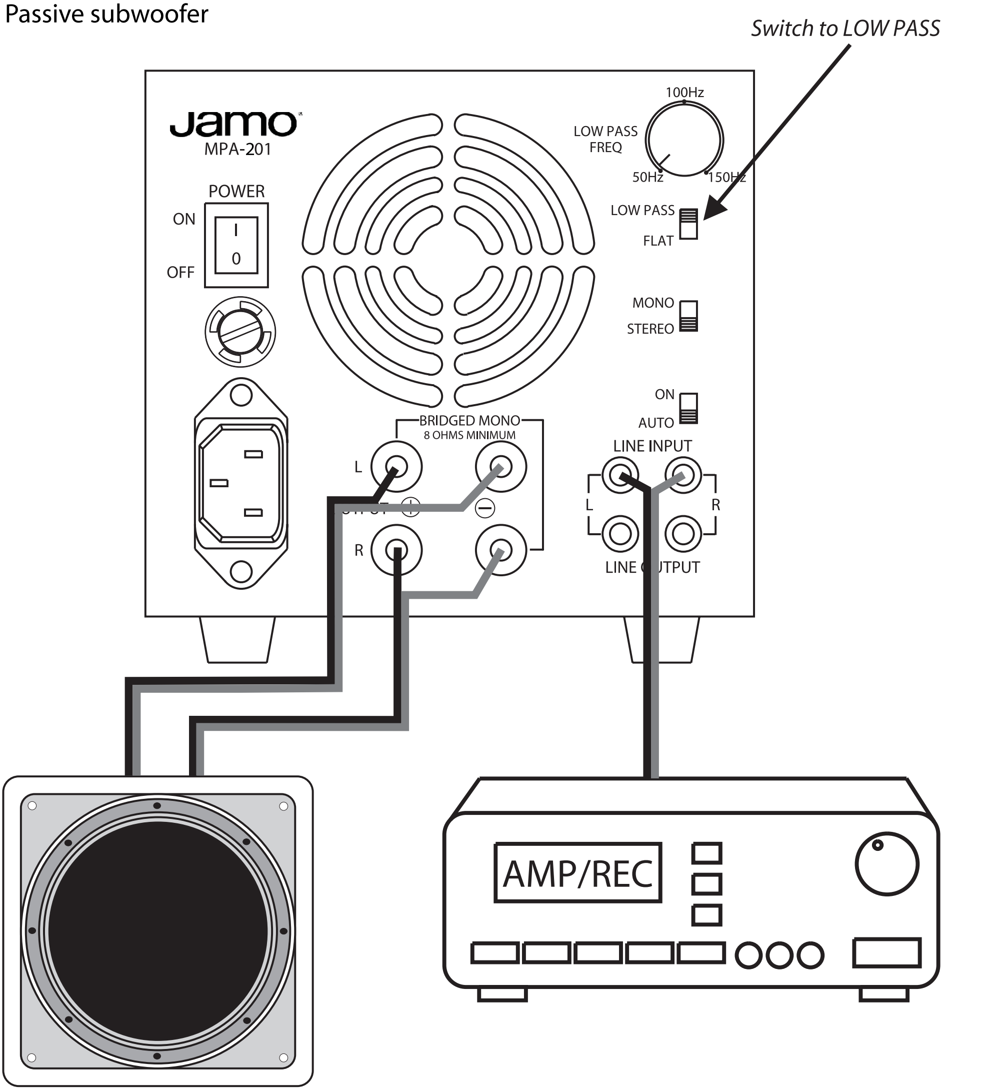


Note: Make sure that the stripped + and - wires do not touch each other, as a short-circuit could damage the Jamo MPA-201's output section.

Always make sure that:
Your loudspeakers are in correct phase;
The loudspeaker's + terminal is connected to the Jamo MPA-201's + terminal.
The loudspeaker's - terminal is connected to the Jamo MPA-201's - terminal.
Usually, the loudspeaker cable is marked on one wire which is normally used to connect the + terminals to ensure correct phase.

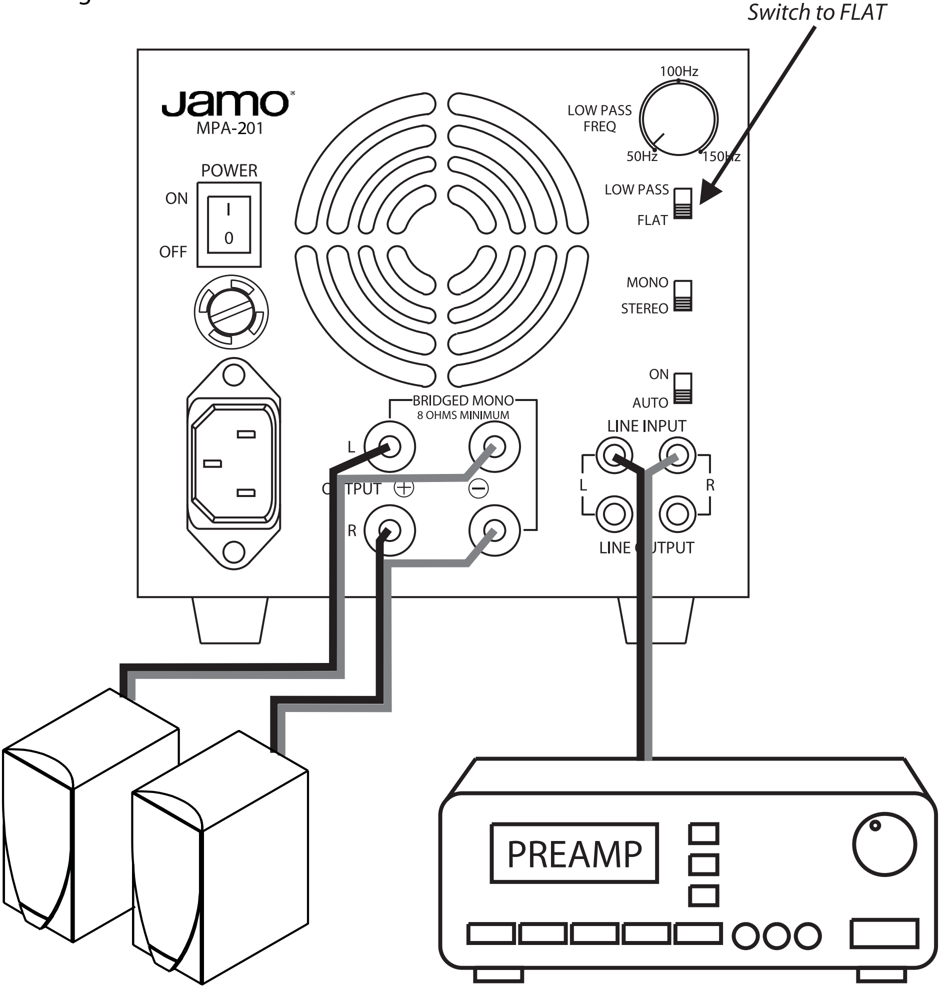
Connecting examples

Passive subwoofer



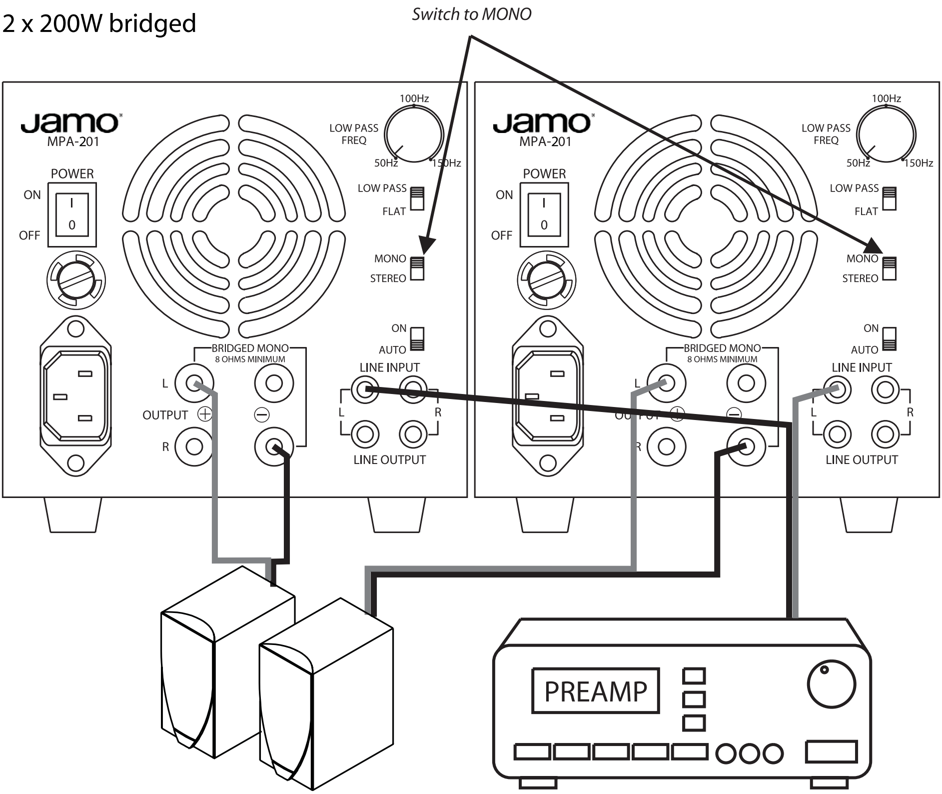
When„Low pass"is selec ted, you can adjust the low pass frequency between 50 - 150 Hz. This makes it possible to make the subwoofer match your front speakers.

Fullrange stereo

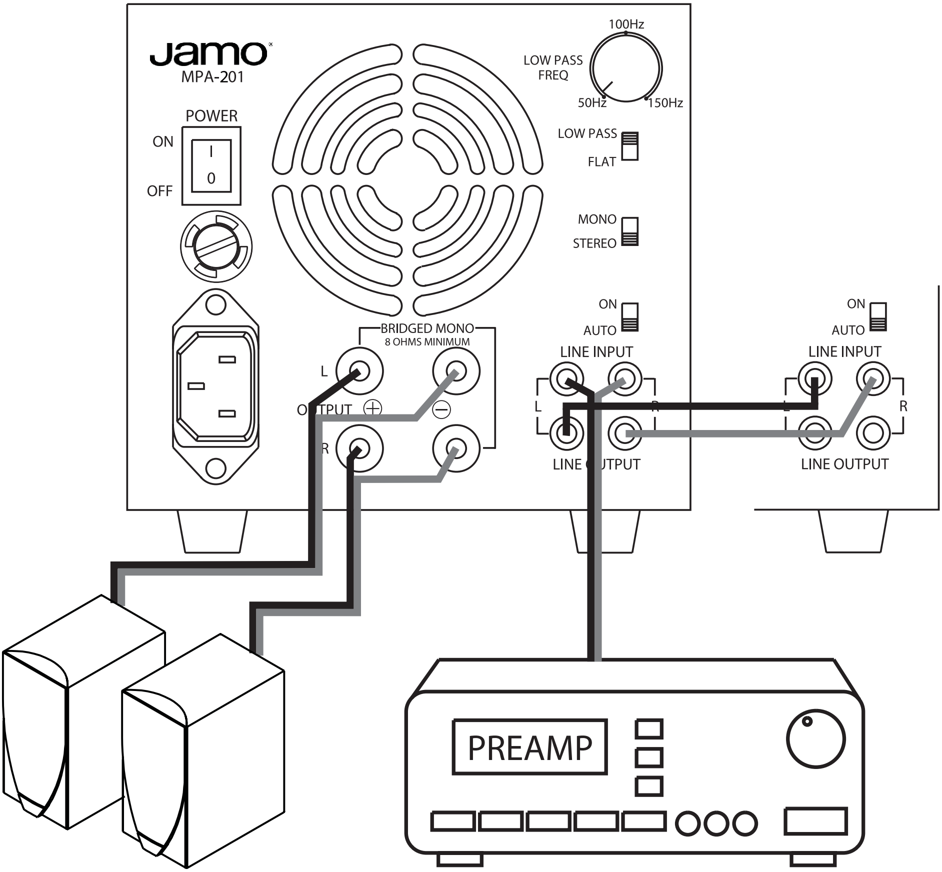


Connecting examples

2 x 200W bridged



Daisy chain



When using this feature you can connect all the MPA-201 in parallel you need.

Specifications

Rated Power Output	100Watts (Stereo) into 4 ohm Load 200 Watts (BTL) into 8 ohm Load
Total Harmonic Distortion (THD)	<0.1%
Signal-to-Noise Ratio	>100dB
Crossover Freq. Responce (-3dB):	@ Min position 18.5-55.2Hz 40Hz/0dB ref @ Max position 18.2-168.8Hz 40Hz/0dB ref
Auto Turn On Sensitivity	5mV+/2mV Full Range 1KHz 5mV+/2mV Sub Input 50 Hz
Delay „OFF“ Time	20 minutes
Line Out Freq. Response (-3dB)	20Hz +/-5K - 20 KHz +/-5K 1KHz/0dB ref
Input Impedance Line In	9.2K ohm,+/-5%
Max. noise+hum Vol Max	<1.0mV, Input Shorted
Weight	11 Ibs 11 oz (5.3 kg)
Shipping Weight	11 Ibs 12 oz (5.6 kg)
Dimensions (including feet):	
Width	$5^{11}/_{16}$″(145 mm)
Height	$5^{1}/_{2}$″(140 mm)
Depth	$12^{3}/_{4}$″(324 mm)
Clearance for ventilation	
Top	Minimum $^{3}/_{8}$″(10mm)
Back	Minimum 2" (50mm)

The scope of the warranty

The warranty period will come into force as from the purchase date stated on the invoice.
The warranty will apply for the following period of time:

- 2 years for electronics (power supply, amplifier, etc.)
- 7 years for other parts (cabinet, speaker units, etc.)

In case of warranty inquiries, please contact your dealer.

In case of request for service under warranty, please enclose your original receipt.

Defects covered by the warranty:
Except for the defects stated below, the warranty covers any production and material defects of the product.

Defects not covered by the warranty:

- Defects arising from accidents, misuse, normal wear and tear, mis-maintenance, voltage variation, overloading, stroke of lightning, and other force majeure events
- Defects arising from incorrect installation or operation
- Defects arising from modification/repair/attempt of repair by a non-authorised service centre
- Defects arising from the use of non-original spare parts
- Defects on products with altered or lacking series number
- Other defects due to conditions or circumstances beyond the supplier control

Transportation costs for servicing are not covered by the warranty.

The supplier is liable only to repair or replace defective parts or products.
A replacement cannot exceed the value of the product under warranty.